

Posttest

If you wish to receive continuing education credit for this program, you must complete this posttest. Each question below contains four suggested answers, of which one or more is correct. **Circle all answers.**

26. Arsenic has been used to treat

- A. diarrhea
- B. psoriasis
- C. heart disease
- D. thyroid disease
- E. syphilis.

27. Workers who might be exposed to arsenic include

- A. smelter workers
- B. rubber workers
- C. stonemasons
- D. farmers
- E. schoolteachers.

28. Clinical signs that might occur in persons with cases of chronic arsenic poisoning include

- A. encephalopathy
- B. sensorimotor peripheral neuropathy
- C. arthritis
- D. anemia
- E. palmar-plantar keratoses.

29. In the diagnosis of arsenic poisoning,

- A. neurologic findings might be the first diagnostic clue
- B. hyperpigmentation is associated with chronic intoxication
- C. acute hemolysis might indicate arsine gas poisoning
- D. Mees lines might be visible a day after acute exposure
- E. lung and skin cancer might occur.

30. Findings that might be encountered in arsenic intoxication include

- A. elevated serum transaminases
- B. hypoglycemia
- C. relative eosinophilia
- D. anemia
- E. hypercalcemia.

31. Measures that might be necessary in the treatment of acute arsenic poisoning include

- A. hemodialysis, if renal failure occurs
- B. parenteral chelation therapy with dimercaprol (BAL)
- C. fluid replacement therapy with hemodynamic monitoring
- D. hemoperfusion, using an ion exchange resin
- E. oral chelation therapy with Prussian blue.

32. Some of the more likely activities for exposure to arsenic are

- A. using an indoor firing range
- B. eating seafood
- C. manufacturing silicon wafers or computer chips
- D. sewing textiles
- E. preparing blueprints.

33. Which of the following statements are true?

- A. Pentavalent arsenic is excreted primarily in feces.
- B. Arsenic undergoes methylation in vivo.
- C. Spinach contains a high amount of arsenic.
- D. Trivalent arsenic cannot cross either the blood-brain or placental barriers.
- E. Arsenic binds to the sulfhydryl groups of proteins.

Note to Nurses

CDC is accredited by the American Nurses Credentialing Center's (ANCC) Commission on Accreditation. ANCC credit is accepted by most State Boards of Nursing.

California nurses should write in "ANCC - Self-Study" for this course when applying for relicensure. A provider number is not needed.

Iowa nurses must be granted special approval from the Iowa Board of Nursing. Call 515-281-4823 or e-mail marmago@bon.state.ia.us to obtain the necessary application.